

## ABSTRACT

An objective of the present invention is to provide a ceramic heater making it possible to heat an object to be heated, such as a silicon wafer, uniformly. The ceramic heater of the present invention is a ceramic heater wherein a heating element is formed on a surface of a ceramic plate or inside the ceramic plate, wherein: a bottomed hole is made, being directed from the opposite side to a heating surface for heating an object to be heated, toward the heating surface; the bottom of said bottomed hole is formed relatively nearer to the heating surface than the heating element; and a temperature-measuring element is set up in this bottomed hole.